



# D LINE

The concept of these speakers derives from the touring industry, bringing in a compact cabinet all the experience of RCF professional sound. The vocals are natural, the sound is clear at longer distances, the SPL power is stable at very high levels.

■ Corporate events ■ DJs

The careful acoustic design, no compromise transducers and a unique composite cabinet, make HDL 20-A and HDL 10-A the preferred tools of many professionals. Perfect in live sound reinforcement and reliable installed situations.

**HDL18-AS** **2000 W**

XLR IN/OUT XLR/JACK COMBO

POWERCON CONNECTOR

18" WOOFER

135 dB

**HDL 20-A**

2x10" WOOFER

135 dB

2" C.DRIVER

1400 W

XLR IN/OUT XLR/JACK COMBO POWERCON CONNECTOR

**HDL 10-A**

2x8" WOOFER

133 dB

2" C.DRIVER

**1400 W**

XLR IN/OUT JACK IN

POWERCON CONNECTOR

POLE MOUNT CAP

12" WOOFER

131 dB

2" C.DRIVER

**HD 32-A**

**1200 W**

XLR IN/OUT JACK IN

VDE CONN.

POLE MOUNT CAP

12" WOOFER

130 dB

1" C.DRIVER

**HD 12-A**

**1000 W**

10" WOOFER

129 dB

1" C.DRIVER

**HD 10-A**

**SUPERIOR COMPRESSION DRIVERS**

At the core of HDL 20-A, HDL 10-A and HD 32-A designs is the new ND840 compression driver. The 2.5" or 3.0" voice coil designs allow a crossover point as low as 800Hz and therefore almost all of the vocal range can be produced by the driver. This allows even better coverage, dispersion control and superior efficiency.

SPECIFICATIONS									
PRODUCT	Type	Total Power	Max SPL	Coverage	High Frequency	Low Frequency	Dimensions (H x W x D)	Weight	
<b>HDL 20-A</b>	J	1400 W Peak 700 W RMS	135 dB	100° x 15° max	2" v.c.	2 x 10" v.c.	294 x 705 x 445 mm 11.5" x 27.7" x 17.5"	29 Kg 63.93 lbs	
<b>HDL 10-A</b>	J	1400 W Peak 700 W RMS	133 dB	100° x 15° max	2" v.c.	2 x 8" v.c.	294 x 569 x 434 mm 11.58" x 22.40" x 17.09"	25.4 Kg 55.99 lbs	
<b>HDL 18-AS</b>	J	2000 W Peak 1000 W RMS	135 dB	-	-	18" v.c.	511.5 x 700 x 620 mm 20.1" x 27.5" x 24.4"	48.4 Kg 106.7 lbs	
<b>HD 32-A</b>	⊠	1400 W Peak 700 W RMS	131 dB	90° x 60°	2" v.c.	12" v.c.	647 x 380 x 380 mm 25.47" x 14.96" x 14.96"	18.6 Kg 41.00 lbs	
<b>HD 12-A</b>	⊠	1200 W Peak 600 W RMS	130 dB	90° x 60°	1" v.c.	12" v.c.	647 x 380 x 380 mm 25.4" x 14.9" x 14.9"	16.7 Kg 36.81 lbs	
<b>HD 10-A</b>	⊠	1200 W Peak 600 W RMS	129 dB	90° x 70°	1" v.c.	10" v.c.	527 x 303 x 302.5 mm 20.7" x 11.9" x 11.9"	13.9 Kg 30.64 lbs	
<b>NX 15-SMA</b>	⊠	1400 W Peak 700 W RMS	130 dB	60° x 60°	1" neo v.c.	15" neo v.c.	362 x 650 x 468 mm 14.25" x 25.59" x 18.42"	19.8 Kg 43.65 lbs	
<b>NX 12-SMA</b>	⊠	1400 W Peak 700 W RMS	129 dB	60° x 60°	1" neo v.c.	12" neo v.c.	324 x 550 x 417 mm 12.7" x 21.6" x 16.4"	16.5 Kg 36.3 lbs	
<b>NX 10-SMA</b>	⊠	800 W Peak 400 W RMS	127 dB	60° x 60°	1" neo v.c.	10" neo v.c.	324 x 450 x 417 mm 12.7" x 17.7" x 16.4"	14.5 Kg 31.96 lbs	
<b>NX L23-A</b>	J	1500 W Peak 750 W RMS	133 dB	100° x 15° max	3 x 1" neo v.c.	12" neo v.c.	346 x 659 x 415 mm 13.62" x 25.94" x 16.33"	28.5 Kg 62.83 lbs	
<b>NX L24-A</b>	J	1400 W Peak 700 W RMS	131 dB	120° x 30°	2" neo v.c.	4 x 6" v.c.	1056 x 201 x 274 mm 41.58" x 7.90" x 10.79"	26.4 Kg 58.8 lbs	
<b>4PRO 5031-A</b>	⊠	1200 W Peak 600 W RMS	132 dB	90° x 60°	1" v.c.	2 x 15" v.c.	1094 x 430 x 430 mm 43.07" x 16.92" x 16.92"	39.7 Kg 87.52 lbs	
<b>4PRO 3031-A</b>	⊠	1200 W Peak 600 W RMS	130 dB	90° x 60°	1" v.c.	15" v.c.	708 x 430 x 430 mm 27.87" x 16.92" x 16.92"	27.5 Kg 60.62 lbs	
<b>4PRO 2031-A</b>	⊠	1200 W Peak 600 W RMS	129 dB	90° x 60°	1" v.c.	12" v.c.	627 x 380 x 380 mm 24.68" x 14.96" x 14.96"	22.2 Kg 48.94 lbs	
<b>4PRO 1031-A</b>	⊠	800 W Peak 400 W RMS	127 dB	90° x 60°	1" v.c.	10" v.c.	539 x 320 x 320 mm 21.22" x 12.59" x 12.59"	16.7 Kg 36.81 lbs	
<b>ART 745-A</b>	⊠	1400 W Peak 700 W RMS	133 dB	90° x 60°	2" neo v.c.	15" neo v.c.	708 x 437 x 389 mm 27.87" x 17.2" x 15.31"	19.6 Kg 43.2 lbs	
<b>ART 715-A MKII</b>	⊠	1400 W Peak 700 W RMS	130 dB	90° x 60°	1" v.c.	15" v.c.	708 x 437 x 389 mm 27.87" x 17.2" x 15.31"	19.4 Kg 42.76 lbs	
<b>ART 712-A MKII</b>	⊠	1400 W Peak 700 W RMS	129 dB	90° x 60°	1" v.c.	12" v.c.	637 x 384 x 363 mm 25" x 15.1" x 14.2"	17.7 Kg 39 lbs	
<b>ART 710-A MKII</b>	⊠	1400 W Peak 700 W RMS	129 dB	90° x 70°	1" v.c.	10" v.c.	549 x 340 x 304 mm 21.6" x 13.3" x 11.9"	14 Kg 30.86 lbs	
<b>ART 425-A MKII</b>	⊠	800 W Peak 400 W RMS	129 dB	90° x 60°	2" v.c.	15" v.c.	708 x 437 x 389 mm 27.87" x 17.2" x 15.31"	26 Kg 57.32 lbs	
<b>ART 422-A MKII</b>	⊠	800 W Peak 400 W RMS	128 dB	90° x 60°	2" neo v.c.	12" v.c.	637 x 384 x 363 mm 25" x 15.1" x 14.2"	20.2 Kg 44.5 lbs	
<b>ART 408-A MKII</b>	⊠	800 W Peak 400 W RMS	126 dB	90° x 70°	1" v.c.	10" v.c.	480 x 291 x 274 mm 18.9" x 11.4" x 10.7"	12 Kg 26.45 lbs	
<b>ART 315-A MKIII</b>	⊠	800 W Peak 400 W RMS	129 dB	90° x 60°	1" v.c.	15" v.c.	680 x 405 x 345 mm 26.67" x 15.94" x 13.58"	19 Kg 41.8 lbs	
<b>ART 312-A MKIII</b>	⊠	800 W Peak 400 W RMS	128 dB	90° x 60°	1" v.c.	12" v.c.	680 x 405 x 345 mm 26.67" x 15.94" x 13.58"	17.4 Kg 38.28 lbs	
<b>ART 310-A MKIII</b>	⊠	800 W Peak 400 W RMS	127 dB	90° x 70°	1" v.c.	10" v.c.	537 x 337 x 315 mm 21.14" x 13.26" x 12.4"	12.6 Kg 27.77 lbs	
<b>SUB 8006-AS</b>	⊠	5000 W Peak 2500 W RMS	141 dB	-	-	2 x 18" v.c.	709 x 1109 x 700 mm 27.91" x 43.66" x 27.55"	90 Kg 198.41 lbs	
<b>SUB 8005-AS</b>	⊠	2500 W Peak 1250 W RMS	137 dB	-	-	21" v.c.	825 x 600 x 805 mm 32.48" x 23.62" x 31.69"	66.6 Kg 146.82 lbs	
<b>SUB 8004-AS</b>	⊠	2500 W Peak 1250 W RMS	136 dB	-	-	18" v.c.	700 x 557.5 x 700 mm 27.55" x 21.95" x 27.56"	51 Kg 112.20 lbs	
<b>4PRO 8003-AS</b>	⊠	2000 W Peak 1000 W RMS	134 dB	-	-	18" v.c.	700 x 520 x 700 mm 27.56" x 20.47" x 27.56"	49 Kg 108.02 lbs	
<b>SUB 718-AS</b>	⊠	1400 W Peak 700 W RMS	132 dB	-	-	18" v.c.	650 x 504 x 650 mm 25.5" x 19.84" x 25.5"	40.4 Kg 89.06 lbs	
<b>ART 905-AS</b>	⊠	2000 W Peak 1000 W RMS	131 dB	-	-	15" v.c.	600 x 445 x 600 mm 23.62" x 17.51" x 23.62"	31.8 Kg 70.10 lbs	
<b>SUB 705-AS</b>	⊠	1400 W Peak 700 W RMS	130 dB	-	-	15" v.c.	600 x 445 x 573 mm 23.62" x 17.51" x 22.55"	32.2 Kg 70.98 lbs	

J Line Array module    J Flyable Subwoofer    ⊠ Column Array    ⊠ Stage Monitor    ⊠ Two-Way Speaker    ⊠ Subwoofer

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# LIVE SOUND

sound culture **RCF**

## NX SERIES

The NX Series is a 'modular system' of innovative active loudspeakers specifically designed to be the everyday tool for rental companies and professional musicians. The NX range comprises line array modules, a sound column, two-way monitors suitable both for PA systems and monitoring applications and a high power subwoofer. We developed a state of the art digital amplification topology to perfectly match the transducers in each model, the result is a perfectly optimized loudspeaker series, which provides high-end audio coverage even at extreme sound pressure levels, unmatched reliability and acoustic compatibility across the whole series.

■ Live Sound    ■ Club systems

At the core of NXL 24-A design is the new ND 640 compression driver loaded from a waveguide to a constant directivity 100° x 30° horn.

**NX L23-A**

12" NEO WOOFER    1500 W    133 dB

3x1" NEO C.DRIVER    XLR IN/OUT    XLR/JACK COMBO    POWERCON CONNECTOR

**NX L24-A**

1400 W    4x6" WOOFER    131 dB

XLR IN/OUT    JACK IN    XLR/JACK COMBO    POWERCON CONNECTOR    POLE MOUNT CAP

NX L24-A shown on top of SUB 8004-AS

**SUB 8005-AS** **2500 W**

21" WOOFER

137 dB

XLR IN/OUT    XLR/JACK COMBO    POWERCON CONNECTOR    POLE MOUNT CAP

**1400 W**

15" NEO WOOFER    130 dB    1" NEO C.DRIVER

12" NEO WOOFER    129 dB    1" NEO C.DRIVER

10" NEO WOOFER    127 dB    1" NEO C.DRIVER

**800 W**

COAXIAL    COAXIAL    COAXIAL

**NX 15-SMA**    **NX 12-SMA**    **NX 10-SMA**

**COAXIAL TRANSDUCERS**

All the NX Stage Monitors are provided with coaxial transducers which define excellent linearity and high efficiency. The RCF Coaxial Transducers radiate a coherent single spherical wave front with perfect dispersion control. The design is powered from a large sized single neodymium ring magnet which provides an extremely high flux density and BL factor.

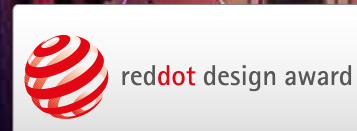
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# 4PRO SERIES

A complete line of speakers appreciated all over the world thanks to the superior quality, flexibility and reliability. With the new generation models, RCF has taken the original concept of a powered, portable speaker, with onboard amplification, active crossovers and time-correction and updated it, making the design more compact with digital onboard amplifiers and DSP. These are contained in a highly-professional Baltic birch ply enclosure, finished in textured black epoxy paint, with a full grille in the front.



The ART 7 Series design looks aggressive whilst retaining familiar ART ergonomics and is the result of extensive combined functional and acoustic research. Every detail of the cabinets, from moulding to the final texture, have been carefully studied to offer the maximum reliability and strength for an intensive use on the road.



# SUB SERIES

RCF introduces a new line of subwoofers which are suitable for all the speakers of its Professional live sound products offering the maximum flexibility to tailor a PA system to your needs. Featuring strong Baltic birch construction, high quality mechanics, superior acoustic design and premium RCF Precision low frequency transducers, the new SUB Series represents the perfect complement for any portable sound reinforcement system. Since the first subwoofers were introduced to the market in the 1960s the reproduction of sounds has developed to become more focused on the bass area and sets a new dimension for this.

Clubs

DJs

Playback music

Rental

Live concerts

Stage monitoring

Portable PA

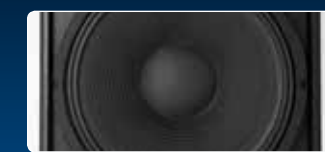
A/V Presentations

Rental

Live sound

Clubs

Theaters



Thanks to RCF highest manufacturing standards and innovations, these speakers are equipped with extraordinary dynamic woofers, which deliver excellent linearity, good efficiency and high power handling capabilities. RCF's state of the art components are the key of 4Pro Series speakers, capable to generate the greatest sound quality and definition ever imagined in loudspeakers history.

## THE FLAGSHIP ART SPEAKER POWERED BY A 4" COMPRESSION DRIVER



Woofers and Compression Drivers are precision built in our factory, taking advantage of RCF's superior moulding, assembly technologies and a wealth of professional knowledge and experience dedicated to achieving extremely high standards.



The subwoofer is dedicated to the reproduction of low pitched audio frequencies and since today is more or less universal in sound reinforcement systems in night clubs, concert venues and all applications where you need "deep punch".

The 4PRO 5031-A is a self-powered, lightweight two-way full bandwidth loudspeaker system equipped with two 15" woofers and a 1.7" voice coil diaphragm, compression driver mounted to a constant directivity horn.



The 4PRO 3031-A is a perfect two-way active bass reflex loudspeaker for live sound situations where extra vocal punch and extremely accurate high frequency response is needed.

The 4PRO 2031-A is a two-way active bass reflex loudspeaker offering exceptional full range and accurate reproduction.

The 4PRO 1031-A is a two-way active bass reflex loudspeaker offering extraordinary compact size, high output and vocal fidelity.

Since its introduction into the market, the 4PRO Series has become highly attractive for professional bands and musicians, clubs and live concert venues that desire to use compact high-performance loudspeakers.

## ART 745-A

### SUPERIOR COMPRESSION DRIVER

At the core of ART 745-A design is the new ND 940 compression driver. The ND 940 large format compression driver delivers one of the key advantages of the ART 745-A, the 4.0" voice coil allows a crossover point of 650Hz and therefore almost all of the vocal range can be produced by this driver. This allows better impulse response, fast waterfall decay and superior efficiency. Compression driver and woofer are precision built taking advantage of RCF's superior moulding, assembly technologies and a wealth of professional knowledge and experience dedicated to achieving extremely high standards.

**1400 W**

- 15" NEO WOOFER
- 3.5" VOICE COIL
- 133 dB
- 4.0" NEO C. DRIVER VOICE COIL
- XLR IN/OUT
- JACK IN
- VDE CONN.
- POLE MOUNT CAP



**800 W**

- 15" WOOFER
- 129 dB
- 2" C.DRIVER
- XLR IN/OUT
- JACK IN
- VDE CONN.
- POLE MOUNT CAP



**800 W**

- 12" WOOFER
- 128 dB
- 2" NEO C.DRIVER
- XLR IN/OUT
- JACK IN
- VDE CONN.
- POLE MOUNT CAP

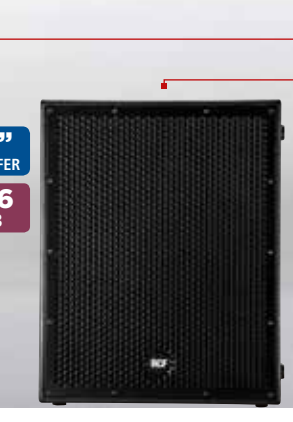


**800 W**

- 8" WOOFER
- 126 dB
- 1" C.DRIVER
- XLR IN/OUT
- JACK IN
- VDE CONN.
- POLE MOUNT CAP



SUB 8006-AS



SUB 8004-AS



### TWO POSITIONS

The SUB 8004-AS is equipped with feet, rotatable logo and side mounted M20 insert, to be used in vertical or horizontal position.

**1200 W**

- 2x15" WOOFER
- 130 dB
- 1" C.DRIVER

**800 W**

- 15" WOOFER
- 130 dB
- 1" C.DRIVER
- 10" WOOFER
- 127 dB
- 1" C.DRIVER
- XLR IN/OUT
- JACK IN
- VDE CONN.
- POLE MOUNT CAP

4PRO 5031-A    4PRO 3031-A    4PRO 2031-A    4PRO 1031-A

**1400 W**

- 15" WOOFER
- 130 dB
- 1" C.DRIVER
- 12" WOOFER
- 129 dB
- 1" C.DRIVER
- 10" WOOFER
- 129 dB
- 1" C.DRIVER
- XLR IN/OUT
- JACK IN
- VDE CONN.
- POLE MOUNT CAP

ART 715-A    ART 712-A    ART 710-A

**800 W**

- 15" WOOFER
- 129 dB
- 1" C.DRIVER
- 12" WOOFER
- 128 dB
- 1" C.DRIVER
- 10" WOOFER
- 127 dB
- 1" C.DRIVER
- XLR IN/OUT
- JACK IN
- VDE CONN.
- POLE MOUNT CAP

ART 315-A    ART 312-A    ART 310-A

**2000 W**

- 18" WOOFER
- 134 dB
- POWERCON CONNECTOR

**1400 W**

- 15" WOOFER
- 131 dB
- VDE CONN.
- 18" WOOFER
- 132 dB
- VDE CONN.
- 15" WOOFER
- 130 dB
- VDE CONN.
- XLR IN/OUT
- XLR/JACK COMBO
- POLE MOUNT CAP

4PRO 8003-AS    ART 905-AS    SUB 718-AS    SUB 705-AS

## PLYWOOD CABINETS

Our wood shop requires very high standard suppliers. Only the best plywood is used to produce our loudspeakers and a rigorous testing procedure is operated before starting the cutting process to ensure a perfect, high-quality and road proof cabinet.



## POWERFUL DIGITAL AMPLIFIERS

The result of the digital amplifiers is a very high output, extremely low distortion and an incredibly natural sound. Each amplifier presents both XLR/Jack (Combo) balanced inputs, XLR output link, volume and a switchable EQ Mode (Flat/Boost). The amplifier features a solid mechanical aluminium structure, which not only stabilizes the amplifier during transportation, but also assists in heat dissipation.



## STATE OF THE ART

When in 1996 we moved into the forefront of active speakers technology with the ART Series, we put into this speakers the results of years of experience in plastic cabinet design, setting a new standard for portable active loudspeakers.

## STAGE MONITOR CONFIGURATION

Thanks to the cabinets shape, the ART 3 series are equally at ease as FOH speakers or on the floor as a monitor.